6. (Amended) The sheet-type regenerative heat exchanger according to claim 1, wherein said granules are made of one or more of an alloy, which has high specific heat at low temperatures, such as Nd, $DyNi_2$, Er_3Ni, Er_6Ni_2Sn, $ErNi_{0.9}Co_{0.1}$, $Gd5Al_2$, $HoCu_2$, $GdAl0_3$, and $Nd_2Fe_{17}Al$, a magnetic oxide, and a magnetic substance and have a particle size of 40 to 800 μm.

7. (Amended) The sheet-type regenerative heat exchanger according to claim 1, wherein said holding base is a woven cloth having a thickness of 10 to 100 μm, made from a fiber selected from the group consisting of paraaramid fiber, high tenacity polyarylate fiber, PBO fiber, polyethylene fiber, Teflon™ fiber, polyester fiber, Kevlar™ fiber, natural fiber, and glass fiber, and has so small a mesh that said granules do not pass therethrough.

8. (Amended) The sheet-type regenerative heat exchanger according to claim 1, wherein said holding base is formed of film made of polypropylene, polyimide, capton, or the like, and has a thickness of 10 to 100 μm.

9. (Amended) The sheet-type regenerative heat exchanger according to claim 1, wherein said holding base is formed of either paper or non-woven cloth made of either artificial fiber or natural substance as a base material and has a thickness of 10 to 100 μm.

10. (Amended) A regenerator including the sheet-type regenerative heat exchanger according to claim 1 wound in multiple layers around a core which is

constituted by either one piece or divided pieces, formed in either a columnar shape or other shapes, and made of a material having an extremely low expansion coefficient and thermal conductivity.

15. (Amended) A refrigerator using the sheet-type regenerative heat exchanger according to claim 1 for a regenerator.

Please add the following claims:

--16. (New) The sheet-type regenerative heat exchanger according to claim 2, wherein said granules are made of one or more of Cu alloy, stainless steel, Fe-Ni alloy and Pb-Zn alloy, with or without plating of Pb or an alloy thereof, and have a particle size of 40 to 800 μm.--

--17. (New) The sheet-type regenerative heat exchanger according to claim 3, wherein said granules are made of one or more of Cu alloy, stainless steel, Fe-Ni alloy and Pb-Zn alloy, with or without plating of Pb or an alloy thereof, and have a particle size of 40 to 800 μm.--

--18. (New) The sheet-type regenerative heat exchanger according to claim 4, wherein said granules are made of one or more of Cu alloy, stainless steel, Fe-Ni alloy and Pb-Zn alloy, with or without plating of Pb or an alloy thereof, and have a particle size of 40 to 800 μm.--